

MIRROR ACTUATOR ASSEMBLY WITH MODULAR POSITIONAL MEMORY DEVICE

Abstract

A rearview mirror for a motor vehicle comprises an internal frame supporting a reflective element and a motorized tilt actuator assembly for adjusting the reflective element about perpendicular axes. The reflective element is attached to the internal frame through a pivot connection. A positional memory module comprising a separate assembly is supported by the internal frame adjacent the pivot connection for electrically determining the horizontal and vertical tilt of the reflective element at a selected position as a change in voltage through a pair of simple electrical circuits. The reflective element can be returned to the selected position by adjusting the horizontal and vertical tilt of the reflective element according to the changes in voltage.